

Patent  
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12. (Amended) A system for quality service localization within a relatively time-invariant communications network comprising:

means for receiving quality of service estimations for a plurality of communications mediums, wherein each of the plurality of communications mediums is defined between a respective one of a plurality of transmitters located within the communications network to a common receiving point of the communications network, wherein each communications medium is conveyed over at least one shared physical communications path and at least one non-shared communications path; and

means for comparing the quality of service estimations for the plurality of communications mediums with one another in order to localize a respective quality of service estimation to a likely physical communication path within the communications network.

19. (Amended) A system for quality service localization comprising:

a relatively time-invariant communications network comprising:

a common receiving point;

a plurality of transmitters for transmitting to the common receiving point; [and]

a plurality of communications mediums coupling respective ones of the plurality of transmitters to the common receiving point, wherein each of the communications mediums is conveyed over at least one shared physical communications path and at least one non-shared communications path to the common receiving point; and

a quality of service localizer coupled to the common receiving point, wherein the quality of service localizer localizes, based upon the comparing, with one another, quality of service estimations received from the common receiving point, a particular quality of service estimation to a likely physical communication path within the network.